PART 70 OPERATING PERMIT
OFFICE OF AIR MANAGEMENT

Donaldson Company, Inc.
3260 W. State Road 28
Frankfort, Indiana 46041

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T023-8315-00024	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date:

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates stationary air filter manufacturing plant.

Responsible Official:	Jay Ward
Source Address:	3260 W. State Road 28, Frankfort, Indiana 46041
Mailing Address:	3260 W. State Road 28, Frankfort, Indiana 46041
Phone Number:	(765) 659-4766
SIC Code:	3599
County Location:	Clinton
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Minor under PSD Rules; Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

(a) one (1) Caterpillar Filter Line consisting of the following emission units

(1) one (1) infrared media heater, identified as emission unit C1, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

(2) the gasket molding process, identified as emission unit C2, constructed in 1980, with a maximum capacity of 1 gallon of neutra-flush 1 per hour, with emissions uncontrolled and exhausting to stack E2;

(3) the process of spraying mold release on molds prior to applying adhesive, identified as emission unit C3, constructed in 1980, with a maximum capacity of 18.5 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack E2;

(4) one (1) parts cleaning tank, constructed in 1980, with a maximum capacity of 25 gallons, using Dynasolve solvent, with emissions uncontrolled;

(5) one (1) parts cleaning tank, constructed in 1980, with a maximum capacity of 0.5 gallon, using Dynasolve solvent, with emissions uncontrolled;

(a) one (1) Hoosier Element Assembly Line consisting of the following emission units

(1) one (1) infrared media heater, identified as emission unit H1, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

(2) the pleat tip curing process, identified as emission unit H2, constructed in 1984,

with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;

(3) two (2) plastisol ovens, identified as emission units H3 and H4, constructed in 1984, each with a maximum capacity of 8 gallons of plastisol per hour, with emissions uncontrolled and exhausting to stack E2;

(4) one (1) paint booth, identified as emission unit H5, with a maximum capacity of 2.47 gallons of coating per hour and 247 metal air filter covers per hour, with overspray emissions controlled by a dry filter and VOC emissions uncontrolled and exhausting to stack E3;

(5) two (2) punch presses, identified as emission units H6, constructed in 1984, with a combined maximum capacity of 2 pounds of lubricant per hour, with emissions uncontrolled;

(6) one (1) soak tank for cleaning tooling, identified as emission unit H7, constructed in 1984, with a maximum capacity of 30 gallons and a maximum usage rate of 1 gallon per hour, using Safety Strip solvent, with emissions uncontrolled.

(b) one (1) Duralite Element Assembly Line consisting of the following emission units

(1) polyurethane mold flush, identified as emission unit D1, constructed in 1992, with a maximum capacity of ½ gallon of neutra-flush 1 per hour, with emissions uncontrolled and exhausting to stack E4;

(2) polyurethane mold flush, identified as emission unit D2, constructed in 1992, with a maximum capacity of ½ gallon of neutra-flush 1 per hour, with emissions uncontrolled and exhausting to stack E4;

(3) the process of spraying mold release on molds prior to applying adhesive, identified as emission unit D3, constructed in 1992, with a maximum capacity of 1 pound of mold release agent per hour, with emissions uncontrolled and exhausting to stack E4;

(4) one (1) infrared media heater, identified as emission unit D4, constructed in 1997, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E4;

(c) one (1) Express Filter Line consisting of the following emission units

(1) one (1) infrared media heater, identified as emission unit L1, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E11;

(2) the process of spraying mold release on molds prior to applying adhesive, identified as emission unit L2, constructed in 1997, with a maximum capacity of 26 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack E11;

(3) one (1) parts cleaning tank, constructed in 1998, with a maximum capacity of 25 gallons, using Safety Strip solvent, with emissions uncontrolled;

(4) one (1) parts cleaning tank, constructed in 1998, with a maximum capacity of 1 gallon, using Safety Strip solvent, with emissions uncontrolled;

(d) one (1) Printing Ink and Solvents operation, consisting of the following emission units

(1) printing inks, identified as emission unit S1, constructed in 1980, with a maximum capacity of 2 pounds of printing ink per hour, with emissions uncontrolled. Note: these items are fugitive and used on all production lines.

(e) one (1) maintenance parts cleaner, constructed in 1980, with a maximum capacity of 30 gallons, using Petroleum Solvent, with emissions uncontrolled.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

(a) The following equipment related to manufacturing activities not resulting in the emission of HAPs; brazing equipment, cutting torches, soldering equipment, welding equipment;

(b) Pleating and trimming operations servicing all production lines, with particulate emissions exhausting to a single dust collector, referred to as the paper media scrap collection system C9, with emissions exhausting inside the building.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

(a) It is a major source, as defined in 326 IAC 2-7-1(22); and

(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-7-5(2)]

This permit is issued for a fixed term of five (5) years from the effective date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3.

B.3 Enforceability [326 IAC 2-7-7]

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM , the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.4 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.5 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

B.7 Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)]

(a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall furnish to IDEM, OAM, within a reasonable time, any information that IDEM, OAM, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Upon request, the Permittee shall also furnish to IDEM, OAM, copies of records required to be kept by this permit. The Permittee may include a claim of confidentiality in accordance with 326 IAC 17. If requested by IDEM, OAM, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, then the Permittee must furnish record directly to the U. S. EPA. The Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

(a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit, except those specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act and is grounds for:

(1) Enforcement action;

(2) Permit termination, revocation and reissuance, or modification; or

(3) Denial of a permit renewal application.

(b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

B.9 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]

(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) One (1) certification shall be included, on the attached Certification Form, with each submittal.

(c) A responsible official is defined at 326 IAC 2-7-1(34).

B.10 Annual Compliance Certification [326 IAC 2-7-6(5)]

(a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than April 15 of each year to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

(b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.

(c) The annual compliance certification report shall include the following:

(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and

(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAM, may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.11 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)] [326 IAC 1-6-3]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond its control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The PMP and the PMP extension notification do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall implement the PMPs as necessary to ensure that failure to implement a PMP does not cause or contribute to a violation of any limitation on emissions or potential to emit.

(c) A copy of the PMP's shall be submitted to IDEM, OAM, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAM, . IDEM, OAM, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or contributes to any violation. The PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.12 Emergency Provisions [326 IAC 2-7-16]

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-7-16.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAM within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Management, Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

(5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) IDEM, OAM, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(10) be revised in response to an emergency.

(f) Failure to notify IDEM, OAM, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

(g) Operations may continue during an emergency only if the following conditions are met:

(1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

(2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:

(A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and

(B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.

Any operation shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.13 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

(a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

(b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. All previously issued

operating permits are superseded by this permit.

(c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAM, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

(d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.

(e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;

(2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and

(4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

(f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).

(g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAM has issued the modifications. [326 IAC 2-7-12(c)(7)]

(h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAM has issued the modification. [326 IAC 2-7-12(b)(7)]

B.14 Multiple Exceedances [326 IAC 2-7-5(1)(E)]

Any exceedance of a permit limitation or condition contained in this permit, which occurs contemporaneously with an exceedance of an associated surrogate or operating parameter established to detect or assure compliance with that limit or condition, both arising out of the same act or occurrence, shall constitute a single potential violation of this permit.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

(a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report.

The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:

(1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or

(2) Failure to implement elements of the Preventive Maintenance Plan unless such failure has caused or contributed to a deviation.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

(c) Emergencies shall be included in the Quarterly Deviation and Compliance Monitoring Report.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)]

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAM, determines any of the following:

(1) That this permit contains a material mistake.

(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]

(c) Proceedings by IDEM, OAM, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAM, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAM, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.17 Permit Renewal [326 IAC 2-7-4]

(a) The application for renewal shall be submitted using the application form or forms

prescribed by IDEM, OAM, and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

(b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]

(1) A timely renewal application is one that is:

(A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

(B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.

(2) If IDEM, OAM, , upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

(c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAM, **,** takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAM, **,** any additional information identified as being needed to process the application.

(d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]
If IDEM, OAM, fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.18 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

(a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.19 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]

(a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

(b) Notwithstanding 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.20 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;

(3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the

Permittee's copy of this permit; and

(5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAM, in the notices specified in 326 IAC 2-7-20(b), (c)(1), and (e)(2).

(b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a) and the following additional conditions:

(1) The permit shield, described in 326 IAC 2-7-15, shall not apply to any change made under 326 IAC 2-7-20(b).

(2) For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

(A) A brief description of the change within the source;

(B) The date on which the change will occur;

(C) Any change in emissions; and

(D) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

(c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).

(d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAM, or U.S. EPA is required.

B.21 Source Modification Requirement [326 IAC 2-7-10.5]

A modification, construction, or reconstruction is governed by the applicable provisions of 326 IAC 2-7-10.5.

B.22 Inspection and Entry [326 IAC 2-7-6(2)]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee’s right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAM, U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a Part 70 source is located, or

emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements. [326 IAC 2-7-6(6)]

B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

(a) The Permittee shall pay annual fees to IDEM, OAM, within thirty (30) calendar days of receipt of a billing. If the Permittee does not receive a bill from IDEM, OAM, the applicable fee is due April 1 of each year.

(b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAM, Technical Support and Modeling Section), to determine the appropriate permit fee.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2. 326 IAC 9-1-2 is not federally enforceable.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Operation of Equipment [326 IAC 2-7-6(6)]

Except as otherwise provided in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission unit vented to the control equipment is in operation.

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.8 Performance Testing [326 IAC 3-6]

(a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAM.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management

Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall notify IDEM, OAM of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAM within forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAM, if the source submits to IDEM, OAM, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

All monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

Compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

C.11 Monitoring Methods [326 IAC 3]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, or other approved methods as specified in this permit.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

(a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

(b) These ERPs shall be submitted for approval to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ninety (90) days after the date of issuance of this permit.

The ERP does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) If the ERP is disapproved by IDEM, OAM, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.

(d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.

(e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.

(f) Upon direct notification by IDEM, OAM, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall submit:

(a) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or

(b) As a part of the annual compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and

(c) A verification to IDEM, OAM, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.14 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6] [326 IAC 1-6]

(a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. The compliance monitoring plan can be either an entirely new document,

consist in whole information contained in other documents, or consist of a combination of new information and information contained in other documents. If the compliance monitoring plan incorporates by reference information contained in other documents, the Permittee shall identify as part of the compliance monitoring plan the documents in which the information is found. The elements of the compliance monitoring plan are:

(1) This condition;

(2) The Compliance Determination Requirements in Section D of this permit;

(3) The Compliance Monitoring Requirements in Section D of this permit;

(4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and

(5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAM upon request and shall be subject to review and approval by IDEM, OAM, . The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of :

(A) Reasonable response steps that may be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and

(B) A time schedule for taking reasonable response steps including a schedule for devising additional response steps for situations that may not have been predicted.

(b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to take reasonable response steps shall constitute a violation of the permit.

(c) Upon investigation of a compliance monitoring excursion, the Permittee is excused from taking further response steps for any of the following reasons:

(1) A false reading occurs due to the malfunction of the monitoring equipment. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.

(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;

(3) An automatic measurement was taken when the process was not operating; or

(4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.

(d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

(e) All monitoring required in Section D shall be performed at all times the equipment is operating. If monitoring is required by Section D and the equipment is not operating, then the Permittee may record the fact that the equipment is not operating or perform the required monitoring.

(f) If for reasons beyond its control, the Permittee fails to perform the monitoring and record keeping as required by Section D, then the reasons for this must be recorded.

(1) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent of the operating time in any quarter.

(2) Temporary, unscheduled unavailability of qualified staff shall be considered a valid reason for failure to perform the monitoring or record keeping requirements in Section D.

C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAM, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the corrective actions are being implemented.

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAM that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAM may extend the retesting deadline.

(c) IDEM, OAM reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]

(a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:

(1) Indicate actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);

(2) Indicate actual emissions of other regulated pollutants (as defined by 326 IAC 2-7-1) from the source, for purposes of Part 70 fee assessment.

(b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.

C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

(a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Records of required monitoring information shall include, where applicable:

(1) The date, place, and time of sampling or measurements;

(2) The dates analyses were performed;

(3) The company or entity performing the analyses;

(4) The analytic techniques or methods used;

(5) The results of such analyses; and

(6) The operating conditions existing at the time of sampling or measurement.

(c) Support information shall include, where applicable:

(1) Copies of all reports required by this permit;

(2) All original strip chart recordings for continuous monitoring instrumentation;

(3) All calibration and maintenance records;

(d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

(a) The source shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification

by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM on or before the date it is due.

(d) Unless otherwise specified in this permit, any quarterly report required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. The reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(e) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.19 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

(a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

(b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

(c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

(a) one (1) Caterpillar Filter Line consisting of the following emission units:
- (1) one (1) infrared media heater, identified as emission unit C1, constructed in 1980, with a maximum capacity of 715 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;
- (2) the gasket molding process, identified as emission unit C2, constructed in 1980, with a maximum capacity of 1 gallon of neutra-flush 1 per hour, with emissions uncontrolled and exhausting to stack E2;
- (3) the process of spraying mold release on molds prior to applying adhesive, identified as emission unit C3, constructed in 1980, with a maximum capacity of 18.5 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack E2;
- (4) one (1) parts cleaning tank, constructed in 1980, with a maximum capacity of 25 gallons, using Dynasolve solvent, with emissions uncontrolled;
- (5) one (1) parts cleaning tank, constructed in 1980, with a maximum capacity of 0.5 gallon, using Dynasolve solvent, with emissions uncontrolled;

(b) one (1) Hoosier Element Assembly Line consisting of the following emission units
- (1) one (1) infrared media heater, identified as emission unit H1, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;
- (2) the pleat tip curing process, identified as emission unit H2, constructed in 1984, with a maximum capacity of 393 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E2;
- (3) two (2) plastisol ovens, identified as emission units H3 and H4, constructed in 1984, each with a maximum capacity of 8 gallons of plastisol per hour, with emissions uncontrolled and exhausting to stack E2;
- (4) one (1) paint booth, identified as emission unit H5, with a maximum capacity of 2.47 gallons of coating per hour and 247 metal air filter covers per hour, with overspray emissions controlled by a dry filter and VOC emissions uncontrolled and exhausting to stack E3;
- (5) two (2) punch presses, identified as emission units H6, constructed in 1984, with a combined maximum capacity of 2 pounds of lubricant per hour, with emissions uncontrolled;
- (6) one (1) soak tank for cleaning tooling, identified as emission unit H7, constructed in 1984, with a maximum capacity of 30 gallons and a maximum usage rate of 1 gallon per hour, using Safety Strip solvent, with emissions uncontrolled.

Facility Description [326 IAC 2-7-5(15)]: continued

(c) one (1) Duralite Element Assembly Line consisting of the following emission units
- (1) polyurethane mold flush, identified as emission unit D1, constructed in 1992, with a maximum capacity of ½ gallon of neutra-flush 1 per hour, with emissions uncontrolled and exhausting to stack E4;
- (2) polyurethane mold flush, identified as emission unit D2, constructed in 1992, with a maximum capacity of ½ gallon of neutra-flush 1 per hour, with emissions uncontrolled and exhausting to stack E4;
- (3) the process of spraying mold release on molds prior to applying adhesive, identified as emission unit D3, constructed in 1992, with a maximum capacity of 1 pound of mold release agent per hour, with emissions uncontrolled and exhausting to stack E4;
- (4) one (1) infrared media heater, identified as emission unit D4, constructed in 1997, with a maximum capacity of 700 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E4;

(d) one (1) Express Filter Line consisting of the following emission units:
- (1) one (1) infrared media heater, identified as emission unit L1, constructed in 1997, with a maximum capacity of 806 pounds of filter media per hour, with emissions uncontrolled and exhausting to stack E11;
- (2) the process of spraying mold release on molds prior to applying adhesive, identified as emission unit L2, constructed in 1997, with a maximum capacity of 26 ounces of mold release agent per hour, with emissions uncontrolled and exhausting to stack E11;
- (3) one (1) parts cleaning tank, constructed in 1998, with a maximum capacity of 25 gallons, using Safety Strip solvent, with emissions uncontrolled;
- (4) one (1) parts cleaning tank, constructed in 1998, with a maximum capacity of 1 gallon, using Safety Strip solvent, with emissions uncontrolled;

(e) one (1) Printing Ink and Solvents operation, consisting of the following emission units:
- (1) printing inks, identified as emission unit S1, constructed in 1980, with a maximum capacity of 2 pounds of printing ink per hour, with emissions uncontrolled. Note: these items are fugitive and used on all production lines.

(f) one (1) maintenance parts cleaner, constructed in 1980, with a maximum capacity of 30 gallons, using Petroleum Solvent, with emissions uncontrolled.

(The information describing the processes contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

(a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating delivered to the applicator at the spray booth (emission unit H5) shall be limited to 3.5 pounds of VOCs per gallon of coating less water.

(b) Solvent sprayed from application equipment during cleanup or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6] [326 IAC 2-2]

(a) In order to render the requirements of 326 IAC 8-1-6 (BACT) not applicable, the following requirements shall apply:

(1) The total amount of neutra-flush 1 used in the entire plant used shall not exceed 6667 gallons per 12 consecutive month period. Neutra-flush 1 has a VOC content of 7.20 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.

(2) The total amount of safety strip solvent used in the entire plant shall not exceed 5714 gallons per 12 consecutive month period. Safety strip solvent has a VOC content of 8.40 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.

(3) The total amount of Dynasolve used in the entire plant shall not exceed 5734 gallons per 12 consecutive month period. Dynasolve has a VOC content of 8.37 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.

(4) The total amount of Petroleum solvent used in the entire plant shall not exceed 7059 gallons per 12 consecutive month period. Petroleum solvent has a VOC content of 6.80 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.

These usage limits are required in order to limit the potential to emit VOC to less than 25 tons per 12 consecutive month period for each facility. Compliance with these limits shall render 326 IAC 8-1-6(BACT) not applicable.

(b) In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to the source, the source shall use less than 250 tons of VOC, including coatings, dilution solvents, cleaning solvents, and lubricants, per 12 consecutive month period. This usage limit is required to limit the potential to emit of VOC to less than 250 tons per 12 consecutive month period. Compliance with this limit makes 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 not applicable.

D.1.3 Volatile Organic Compounds (VOC)

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the owner or operator shall:

(a) Equip the cleaner with a cover;

(b) Equip the cleaner with a facility for draining cleaned parts;

(c) Close the degreaser cover whenever parts are not being handled in the cleaner;

(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) Provide a permanent, conspicuous label summarizing the operation requirements;

(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.1.4 Volatile Organic Compounds (VOC)

(a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaner degreaser facility shall ensure that the following control equipment requirements are met:

(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

(A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38^{O}C) (one hundred degrees Fahrenheit (100^{O}F));

(B) The solvent is agitated; or

(C) The solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38^{O}C) (one hundred degrees Fahrenheit (100^{O}F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38^{O}C) (one hundred degrees Fahrenheit (100^{O}F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9^{O}C) (one hundred twenty degrees Fahrenheit (120^{O}F)):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent is used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller of carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

(b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility shall ensure that the following operating requirements are met:

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

D.1.5 Particulate Matter (PM) [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2 (Process Operations), the PM from the paint booth (H5) shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and P = process weight rate in tons per hour

D.1.6 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the paint booth and any control devices.

Compliance Determination Requirements

D.1.7 Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Conditions D.1.1 and D.1.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAM, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.1.8 VOC Emissions

Compliance with Condition D.1.2 shall be demonstrated within 30 days of the end of each month based on the total volatile organic compound usage for the most recent twelve (12) month period.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.9 Particulate Matter (PM)

The dry filter for PM control shall be in operation at all times when the paint booth (H5) is in operation.

D.1.10 Monitoring

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stack E3 while the booth is in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

(b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

(c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.11 Record Keeping Requirements

(a) To document compliance with Conditions D.1.1 and D.1.2, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.1.1.

(1) The amount and VOC content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;

(2) A log of the dates of use;

(3) The volume weighted VOC content of the coatings used for each month;

(4) The cleanup solvent usage for each month;

(5) The total VOC usage for each month; and

(6) The weight of VOCs emitted for each compliance period.

(b) To document compliance with Condition D.1.10, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.

(c) Records shall be kept of the amounts of all VOC-containing materials used.

(d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.12 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.2(a) and (b) shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Insignificant Activities

(a) The following equipment related to manufacturing activities not resulting in the emission of HAPs; brazing equipment, cutting torches, soldering equipment, welding equipment.

(b) Pleating and trimming operations servicing all production lines, with particulate emissions exhausting to a single dust collector, referred to as the paper media scrap collection system C9, with emissions exhausting inside the building.

(The information describing the processes contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

D.2.1 Particulate Matter (PM) [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2 (Process Operations), the PM from each of the facilities listed above shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

Compliance Determination Requirements

D.2.2 Particulate Matter (PM)

The dust collector C9 for PM control shall be in operation and control emissions from the pleating and trimming operations at all times that the pleating and trimming operations are in operation.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION

PART 70 OPERATING PERMIT CERTIFICATION

Source Name: Donaldson Company, Inc.
Source Address: 3260 W. State Road 28, Frankfort, Indiana 46041
Mailing Address: 3260 W. State Road 28, Frankfort, Indiana 46041
Part 70 Permit No.: T023-8315-00024

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

9 Annual Compliance Certification Letter

9 Test Result (specify) _____

9 Report (specify) _____

9 Notification (specify) _____

9 Affidavit (specify) _____

9 Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT

COMPLIANCE BRANCH
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: Donaldson Company, Inc.
Source Address: 3260 W. State Road 28, Frankfort, Indiana 46041
Mailing Address: 3260 W. State Road 28, Frankfort, Indiana 46041
Part 70 Permit No.: T023-8315-00024

This form consists of 2 pages **Page 1 of 2**

9 This is an emergency as defined in 326 IAC 2-7-1(12)
- C The Permittee must notify the Office of Air Management (OAM), within four (**4**) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
- C The Permittee must submit notice in writing or by facsimile within two (**2**) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16.

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A **Page 2 of 2**

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

A certification is not required for this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Donaldson Company, Inc.
Source Address: 3260 W. State Road 28, Frankfort, Indiana 46041
Mailing Address: 3260 W. State Road 28, Frankfort, Indiana 46041
Part 70 Permit No.: T023-8315-00024
Facilities: all processes emitting VOCs
Parameter: material usages and VOC emissions
Limits: see table below

YEAR: _____

	This Month			Previous 11 Months		12 Month Total			
	column 1	column 2	(column 1 x column 2) / 2000 lbs/ton	column 3	(column 1 x column 3) / 2000 lbs/ton	column 4 (column 2 +column 3)	(column 1 x column 4) / 2000 lbs/ton		
Material	VOC Content	Actual Usage (gallons or lbs as specified)	Actual VOC Emissions (tons)	Actual Usage (gallons or lbs as specified)	Actual VOC Emissions (tons)	Actual Usage (gallons or lbs as specified)	Actual VOC Emissions (tons)	Usage Limit (gallons)	VOC Emission Limit (tons per 12 consecutive month period)
neutra-flush 1	7.20 lb/gal	gallons		gallons		gallons		6667	24
safety strip solvent	8.40 lb/gal	gallons		gallons		gallons		5714	24
Dynasolve	8.37 lb/gal	gallons		gallons		gallons		5734	24
Petroleum solvent	6.80 lb/gal	gallons		gallons		gallons		7059	24

	This Month			Previous 11 Months		12 Month Total			
	column 1	column 2	(column 1 x column 2) / 2000 lbs/ton	column 3	(column 1 x column 3) / 2000 lbs/ton	column 4 (column 2 +column 3)	(column 1 x column 4) / 2000 lbs/ton		
Material	VOC Content	Actual Usage (gallons or lbs as specified)	Actual VOC Emissions (tons)	Actual Usage (gallons or lbs as specified)	Actual VOC Emissions (tons)	Actual Usage (gallons or lbs as specified)	Actual VOC Emissions (tons)	Usage Limit (gallons)	VOC Emission Limit (tons per 12 consecutive month period)
filter media	0.4%	lbs		lbs		lbs			
mold release	92%	lbs		lbs		lbs			
Plastisol	0.15 lb/gal	gallons		gallons		gallons			
vanishing lube	87.5%	lbs		lbs		lbs			
printing ink	100%	lbs		lbs		lbs			
Kem Aqua Primer	1.35 lb/gal	gallons		gallons		gallons			
Kem Aqua Gloss Black	0.83 lb/gal	gallons		gallons		gallons			
Kem Aqua Cat Yellow	0.80 lb/gal	gallons		gallons		gallons			
Kem Aqua flat black	1.35 lb/gal	gallons		gallons		gallons			
Kem Aqua red oxide	1.30 lb/gal	gallons		gallons		gallons			
Kem Aqua Onan green	0.85 lb/gal	gallons		gallons		gallons			

	This Month			Previous 11 Months		12 Month Total			
	column 1	column 2	(column 1 x column 2) / 2000 lbs/ton	column 3	(column 1 x column 3) / 2000 lbs/ton	column 4 (column 2 +column 3)	(column 1 x column 4) / 2000 lbs/ton		
Material	VOC Content	Actual Usage (gallons or lbs as specified)	Actual VOC Emissions (tons)	Actual Usage (gallons or lbs as specified)	Actual VOC Emissions (tons)	Actual Usage (gallons or lbs as specified)	Actual VOC Emissions (tons)	Usage Limit (gallons)	VOC Emission Limit (tons per 12 consecutive month period)
Rust-Ol HiGloss black	3.46 lb/gal	gallons		gallons		gallons			
Buff Primer	3.44 lb/gal	gallons		gallons		gallons			
Kem Aqua Buff Primer	1.65 lb/gal	gallons		gallons		gallons			
Total									249

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

A certification by the responsible official as defined by 326 IAC 2-7-1(34) is required for this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION

PART 70 OPERATING PERMIT
QUARTERLY DEVIATION COMPLIANCE MONITORING REPORT

Source Name: Donaldson Company, Inc.
Source Address: 3260 W. State Road 28, Frankfort, Indiana 46041
Mailing Address: 3260 W. State Road 28, Frankfort, Indiana 46041
Part 70 Permit No.: T023-8315-00024

Months: _____ **to** _____ **Year:** _____

This report is an affirmation that the source has met all the requirements stated in this permit. This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By: ______________________________

Title/Position: ______________________________

Date: ______________________________

Phone: ______________________________

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Management

Addendum to the
Technical Support Document for a Part 70 Operating Permit

Source Name:	Donaldson Company, Inc.
Source Location:	3260 W. State Road 28, Frankfort, Indiana 46041
County:	Clinton
SIC Code:	3599
Operation Permit No.:	T023-8315-00024
Permit Reviewer:	Nisha Sizemore

On April 14, 2000, the Office of Air Management (OAM) had a notice published in The Times, Frankfort, Indiana, stating that Donaldson Company, Inc. had applied for a Part 70 Operating Permit to operate an air filter manufacturing plant. The notice also stated that OAM proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

On July 7, 2000, Donaldson Company, Inc. submitted comments on the proposed Part 70 permit. The summary of the comments is as follows:

Comment #1

There is a central shredder for paper scrap which is associated with all of the existing production lines. This shredder is controlled by a dust collector which was just replaced on June 26, 2000. The new system is larger to reduce fugitive releases and has state of the art filtration to minimize the release. The system does not have an external exhaust point. All air is filtered and returned to the facility.

Response #1

The central shredder has been added as an insignificant activity to Section A.3. A description of the shredder is also included in the description box in Section D.2. The unit is subject to the requirements of 326 IAC 6-3-2 (Process Operations) so this requirement has been added to Section D.2 of the permit. Since the dust collector exhausts inside the building, there are no compliance monitoring requirements regarding the dust collector.

Changes to the permit as a result of this comment are shown in response to comment #2.

Comment #2

The permit does not include a list of all of the small parts washers located at the facility. Here is a list of all the small parts cleaning tanks we have in the facility.

Location	Capacity (gallons)	Solvent	Installation Date
Hoosier Line jig return	30	Safety Strip	1984

Hoosier Line jig return	25	rinse water	1996
Cat Line Gasket Dispense	25	Dynasolve	1980
Cat Line Gasket Dispense	1/2	Dynasolve	1980
Express Line Dispense Station	25	Safety Strip	1998
Express Line Dispense Station	1	Safety Strip	1998
Hybrid Line Dispense Area	25	Dynasolve	1992
Hybrid Line Dispense Area	3	Dynasolve	1992
Maintenance Parts Cleaner	30	Petroleum Solvent	1980

All tanks are equipped with lids and are closed except during loading and unloading. Material Safety Data Sheets are included for each solvent.

Response #2

The calculations (shown in Appendix A) have been revised to account for the emissions from these parts washers. All parts washers, except for the parts washer which uses only rinse water, are now listed in either Section A.2 or A.3 of the permit, and also in Section D.1 of the permit. The parts washers constructed after 1990 are subject to the requirements of 326 IAC 8-3-2 and 326 IAC 8-3-5 (Organic Solvent Degreasing Operations). The parts washers constructed prior to 1990 but after 1980 are subject to the requirements of 326 IAC 8-3-2 (Organic Solvent Degreasing Operations). The permit includes conditions summarizing the requirements of these rules. The permit includes limits, as necessary, to limit VOC emissions to less than 25 tons per year in order to render the requirements of 326 IAC 8-1-6 (BACT) not applicable. Since the actual solvent usages are so low, and in order to simplify record keeping requirements, the limits are written such that usage of each type of solvent is low enough to limit emissions to less than 25 tons per year. For example, even though there are several parts washers that use the Dynasolve solvent, instead of limiting each one individually to a separate solvent usage amount; the permit limits the total Dynasolve usage from all units, to an amount which will be equivalent to 24 tons per year of VOC emissions. This method of limiting emissions will greatly simplify the record keeping requirements for the source since this way the source must only keep track of total Dynasolve usage, instead of the Dynasolve usage for each individual parts washer. Since the actual solvent usages are much lower than the limits in the permit, the source should have no problem complying with these usage limits.

Since potential VOC emissions from the entire source now exceed 250 tons per year, a limit of 249 tons per year has been added in Section D.1, in order for the source to remain a minor source under PSD rules.

Some minor changes have also been made to the emission unit descriptions in A.2 and D.1 for

clarification purposes.

Changes to the permit resulting from this comment and from comment #1 are shown below (additions are shown in bold and deletions are shown as strikeouts):

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

(a) one (1) Caterpillar Filter Line consisting of the following emission units

(1) one (1) infrared media heater, identified as emission unit C1, constructed in 1980, with a maximum capacity of 715 pounds **of filter media** per hour, with emissions uncontrolled and exhausting to stack E2;

(2) **the** gasket molding ~~flush~~ **process**, identified as emission unit C2, constructed in 1980, with a maximum capacity of 1 gallon **of neutra-flush 1** per hour, with emissions uncontrolled and exhausting to stack E2;

(3) **the process of** ~~application of~~ **spraying** mold release **on molds prior to applying adhesive**, identified as emission unit C3, constructed in 1980, with a maximum capacity of 18.5 ounces **of mold release agent** per hour, with emissions uncontrolled and exhausting to stack E2;

(4) one (1) parts cleaning tank, constructed in 1980, with a maximum capacity of 25 gallons, using Dynasolve solvent, with emissions uncontrolled;

(5) one (1) parts cleaning tank, constructed in 1980, with a maximum capacity of 0.5 gallon, using Dynasolve solvent, with emissions uncontrolled;

(b) one (1) Hoosier Element Assembly Line consisting of the following emission units

(1) one (1) infrared media heater, identified as emission unit H1, constructed in 1984, with a maximum capacity of 393 pounds **of filter media** per hour, with emissions uncontrolled and exhausting to stack E2;

(2) **the** pleat tip ~~cure~~ **curing process**, identified as emission unit H2, constructed in 1984, with a maximum capacity of 393 pounds **of filter media** per hour, with emissions uncontrolled and exhausting to stack E2;

(3) two (2) plastisol ovens, identified as emission units H3 and H4, constructed in 1984, each with a maximum capacity of 8 gallons **of plastisol** per hour, with emissions uncontrolled and exhausting to stack E2;

(4) one (1) paint booth, identified as emission unit H5, with a maximum capacity of ~~1~~ **2.47** gallon**s of coating** per hour and 247 metal ~~parts~~ **air filter covers** per hour, with overspray emissions controlled by a dry filter and VOC emissions uncontrolled and exhausting to stack E3;

(5) two (2) punch presses, identified as emission unit**s** H6, constructed in 1984, with

a combined maximum capacity of 2 pounds **of lubricant** per hour, with emissions uncontrolled ~~and exhausting to stack F1~~;

(6) one (1) soak tank for cleaning tooling, identified as emission unit H7, constructed in 1984, with a maximum capacity of **30 gallons and a maximum usage rate of** 1 gallon per hour, **using Safety Strip solvent,** ~~-~~with emissions uncontrolled**.** ~~and exhausting to stack F2.~~

(c) one (1) Duralite Element Assembly Line consisting of the following emission units

(1) polyurethane mold flush, identified as emission unit D1, constructed in 1992, with a maximum capacity of ½ gallon **of neutra-flush 1** per hour, with emissions uncontrolled and exhausting to stack E4;

(2) polyurethane mold flush, identified as emission unit D2, constructed in 1992, with a maximum capacity of ½ gallon **of neutra-flush 1** per hour, with emissions uncontrolled and exhausting to stack E4;

(3) **the process of** ~~application of~~ **spraying** mold release **on molds prior to applying adhesive**, identified as emission unit D3, constructed in 1992, with a maximum capacity of 1 pound **of mold release agent** per hour, with emissions uncontrolled and exhausting to stack E4;

(4) one (1) infrared media heater, identified as emission unit D4, constructed in 1997, with a maximum capacity of 700 pounds **of filter media** per hour, with emissions uncontrolled and exhausting to stack E4;

(d) one (1) Express Filter Line consisting of the following emission units

(1) one (1) infrared media heater, identified as emission unit L1, constructed in 1997, with a maximum capacity of 806 pounds **of filter media** per hour, with emissions uncontrolled and exhausting to stack E11;

(2) **the process of** ~~application of~~ **spraying** mold release **on molds prior to applying adhesive**, identified as emission unit L2, constructed in 1997, with a maximum capacity of 26 ounces **of mold release agent** per hour, with emissions uncontrolled and exhausting to stack E11;

(3) one (1) parts cleaning tank, constructed in 1998, with a maximum capacity of 25 gallons, using Safety Strip solvent, with emissions uncontrolled;

(4) one (1) parts cleaning tank, constructed in 1998, with a maximum capacity of 1 gallon, using Safety Strip solvent, with emissions uncontrolled;

(e) one (1) Printing Ink and Solvents operation, consisting of the following emission units

(1) printing inks, identified as emission unit S1, constructed in 1980, with a maximum capacity of 2 pounds **of printing ink** per hour, with emissions uncontrolled ~~and exhausting to stack F4~~. Note: these items are fugitive and used on all production lines.

(f) one (1) maintenance parts cleaner, constructed in 1980, with a maximum capacity of 30 gallons, using Petroleum Solvent, with emissions uncontrolled.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

(a) The following equipment related to manufacturing activities not resulting in the emission of HAPs; brazing equipment, cutting torches, soldering equipment, welding equipment;

(b) Pleating and trimming operations servicing all production lines, with particulate emissions exhausting to a single dust collector, referred to as the paper media scrap collection system C9, with emissions exhausting inside the building.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

(a) one (1) Caterpillar Filter Line consisting of the following emission units:

(1) one (1) infrared media heater, identified as emission unit C1, constructed in 1980, with a maximum capacity of 715 pounds **of filter media** per hour, with emissions uncontrolled and exhausting to stack E2;

(2) **the** gasket molding ~~flush~~ **process**, identified as emission unit C2, constructed in 1980, with a maximum capacity of 1 gallon **of neutra-flush 1** per hour, with emissions uncontrolled and exhausting to stack E2;

(3) **the process of** ~~application of~~ **spraying** mold release **on molds prior to applying adhesive**, identified as emission unit C3, constructed in 1980, with a maximum capacity of 18.5 ounces **of mold release agent** per hour, with emissions uncontrolled and exhausting to stack E2;

(4) one (1) parts cleaning tank, constructed in 1980, with a maximum capacity of 25 gallons, using Dynasolve solvent, with emissions uncontrolled;

(5) one (1) parts cleaning tank, constructed in 1980, with a maximum capacity of 0.5 gallon, using Dynasolve solvent, with emissions uncontrolled;

(b) one (1) Hoosier Element Assembly Line consisting of the following emission units

(1) one (1) infrared media heater, identified as emission unit H1, constructed in 1984, with a maximum capacity of 393 pounds **of filter media** per hour, with emissions uncontrolled and exhausting to stack E2;

(2) **the** pleat tip ~~cure~~ **curing process**, identified as emission unit H2, constructed in 1984, with a maximum capacity of 393 pounds **of filter media** per hour, with emissions uncontrolled and exhausting to stack E2;

(3) two (2) plastisol ovens, identified as emission units H3 and H4, constructed in 1984, each with a maximum capacity of 8 gallons **of plastisol** per hour, with emissions uncontrolled and exhausting to stack E2;

(4) one (1) paint booth, identified as emission unit H5, with a maximum capacity of ~~1~~ **2.47** gallon**s of coating** per hour and 247 metal ~~parts~~ **air filter covers** per hour, with overspray emissions controlled by a dry filter and VOC emissions uncontrolled and exhausting to stack E3;

(5) two (2) punch presses, identified as emission unit**s** H6, constructed in 1984, with a combined maximum capacity of 2 pounds **of lubricant** per hour, with emissions uncontrolled ~~and exhausting to stack F1~~;

(6) one (1) soak tank for cleaning tooling, identified as emission unit H7, constructed in 1984, with a maximum capacity of **30 gallons and a maximum usage rate of** 1 gallon per hour, **using Safety Strip solvent,** ~~-~~with emissions uncontrolled**.** ~~and exhausting to stack F2.~~

Facility Description [326 IAC 2-7-5(15)]: continued

(c) one (1) Duralite Element Assembly Line consisting of the following emission units
- (1) polyurethane mold flush, identified as emission unit D1, constructed in 1992, with a maximum capacity of ½ gallon **of neutra-flush 1** per hour, with emissions uncontrolled and exhausting to stack E4;
- (1) polyurethane mold flush, identified as emission unit D2, constructed in 1992, with a maximum capacity of ½ gallon **of neutra-flush 1** per hour, with emissions uncontrolled and exhausting to stack E4;
- (2) **the process of** ~~application of~~ **spraying** mold release **on molds prior to applying adhesive**, identified as emission unit D3, constructed in 1992, with a maximum capacity of 1 pound **of mold release agent** per hour, with emissions uncontrolled and exhausting to stack E4;
- (3) one (1) infrared media heater, identified as emission unit D4, constructed in 1997, with a maximum capacity of 700 pounds **of filter media** per hour, with emissions uncontrolled and exhausting to stack E4;

(d) one (1) Express Filter Line consisting of the following emission units:
- (1) one (1) infrared media heater, identified as emission unit L1, constructed in 1997, with a maximum capacity of 806 pounds **of filter media** per hour, with emissions uncontrolled and exhausting to stack E11;
- (2) **the process of** ~~application of~~ **spraying** mold release **on molds prior to applying adhesive**, identified as emission unit L2, constructed in 1997, with a maximum capacity of 26 ounces **of mold release agent** per hour, with emissions uncontrolled and exhausting to stack E11;
- **(3) one (1) parts cleaning tank, constructed in 1998, with a maximum capacity of 25 gallons, using Safety Strip solvent, with emissions uncontrolled;**
- **(4) one (1) parts cleaning tank, constructed in 1998, with a maximum capacity of 1 gallon, using Safety Strip solvent, with emissions uncontrolled;**

(e) one (1) Printing Ink and Solvents operation, consisting of the following emission units:
- (1) printing inks, identified as emission unit S1, constructed in 1980, with a maximum capacity of 2 pounds **of printing ink** per hour, with emissions uncontrolled ~~and exhausting to stack F4~~. Note: these items are fugitive and used on all production lines.

(f) one (1) maintenance parts cleaner, constructed in 1980, with a maximum capacity of 30 gallons, using Petroleum Solvent, with emissions uncontrolled.

(The information describing the processes contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]

(a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating delivered to the applicator at the spray booth (emission unit H5) shall be limited to 3.5 pounds of VOCs per gallon of coating less water.

(b) Solvent sprayed from application equipment during cleanup or color changes shall be

directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

D.1.2 ~~Best Available Control Technology (BACT)~~ **Volatile Organic Compounds (VOC)** [326 IAC 8-1-6] [326 IAC 2-2]

(a) In order to render the requirements of 326 IAC 8-1-6 (BACT) not applicable, the following requirements shall apply:

~~(a)~~ **(1)** The **total** amount of **neutra-flush 1 used in the entire plant** ~~gasket molding flush (emission unit C2)~~ used shall not exceed 6667 gallons per 12 consecutive month period. **Neutra-flush 1 has a VOC content of 7.20 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.**

~~(b)~~ **(2)** The **total** amount of safety strip solvent used in the **entire plant** ~~soak tank (emission unit H7)~~ shall not exceed 5714 gallons per 12 consecutive month period. **Safety strip solvent has a VOC content of 8.40 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.**

~~(c) The amount of polyurethane mold flush (emission units D1 and D2) used shall not exceed 6667 gallons per 12 consecutive month period.~~

(3) The total amount of Dynasolve used in the entire plant shall not exceed 5734 gallons per 12 consecutive month period. Dynasolve has a VOC content of 8.37 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.

(4) The total amount of Petroleum solvent used in the entire plant shall not exceed 7059 gallons per 12 consecutive month period. Petroleum solvent has a VOC content of 6.80 pounds per gallon; therefore this usage limit is equivalent to VOC emissions of 24 tons per year.

These usage limits are required in order to limit the potential to emit VOC to less than 25 tons per 12 consecutive month period for each facility. Compliance with these limits shall render 326 IAC 8-1-6(BACT) not applicable.

(b) In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to the source, the source shall use less than 250 tons of VOC, including coatings, dilution solvents, cleaning solvents, and lubricants, per 12 consecutive month period. This usage limit is required to limit the potential to emit of VOC to less than 250 tons per 12 consecutive month period. Compliance with this limit makes 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 not applicable.

D.1.3 Volatile Organic Compounds (VOC)

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the owner or operator shall:

(a) Equip the cleaner with a cover;

(b) Equip the cleaner with a facility for draining cleaned parts;

(c) Close the degreaser cover whenever parts are not being handled in the cleaner;

(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) Provide a permanent, conspicuous label summarizing the operation requirements;

(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.1.4 Volatile Organic Compounds (VOC)

(a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaner degreaser facility shall ensure that the following control equipment requirements are met:

(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

(A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38^{O}C) (one hundred degrees Fahrenheit (100^{O}F));

(B) The solvent is agitated; or

(C) The solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38^{O}C) (one hundred degrees Fahrenheit (100^{O}F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38^{O}C) (one hundred degrees Fahrenheit (100^{O}F)), or if the solvent is heated to a temperature greater than

forty-eight and nine-tenths degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120°F)):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent is used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller of carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

(b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility shall ensure that the following operating requirements are met:

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

D.1.~~3~~ **5** Particulate Matter (PM) [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2 (Process Operations), the PM from the paint booth (H5) shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and P = process weight rate in tons per hour

D.1.~~4~~ **6** Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the paint booth and any control devices.

Compliance Determination Requirements

D.1.~~5~~ **7** Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Condition**s** D.1.1 **and D.1.2** shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAM, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.1.~~6~~ **8** VOC Emissions

Compliance with Condition D.1.2 shall be demonstrated within 30 days of the end of each month based on the total volatile organic compound usage for the most recent twelve (12) month period.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.~~7~~ **9** Particulate Matter (PM)

The dry filter for PM control shall be in operation at all times when the paint booth (H5) is in operation.

D.1.~~8~~ **10** Monitoring

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stack E3 while the booth is in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

(b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

(c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.~~9~~ **11** Record Keeping Requirements

(a) To document compliance with Condition**s** D.1.1 **and D.1.2**, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.1.1.

(1) The amount and VOC content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;

(2) A log of the dates of use;

(3) The volume weighted VOC content of the coatings used for each month;

(4) The cleanup solvent usage for each month;

(5) The total VOC usage for each month; and

(6) The weight of VOCs emitted for each compliance period.

(b) To document compliance with Condition D.1.~~8~~ **10**, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.

(c) Records shall be kept of the amount**s** of **all VOC-containing materials used.** ~~gasket molding flush used, the amount of safety strip solvent used in the soak tank, and the amount of polyurethane mold flush used.~~

(d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.~~10~~ **12** Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.2(a) and (b) shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Insignificant Activities

(a) The following equipment related to manufacturing activities not resulting in the emission of HAPs; brazing equipment, cutting torches, soldering equipment, welding equipment.

(b) Pleating and trimming operations servicing all production lines, with particulate emissions exhausting to a single dust collector, referred to as the paper media scrap collection system C9, with emissions exhausting inside the building.

(The information describing the processes contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

D.2.1 Particulate Matter (PM) [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2 (Process Operations), the PM from each of the facilities listed above shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

Compliance Determination Requirements

D.2.2 Particulate Matter (PM)

The dust collector C9 for PM control shall be in operation and control emissions from the pleating and trimming operations at all times that the pleating and trimming operations are in operation.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Donaldson Company, Inc.
Source Address: 3260 W. State Road 28, Frankfort, Indiana 46041
Mailing Address: 3260 W. State Road 28, Frankfort, Indiana 46041
Part 70 Permit No.: T023-8315-00024
Facilities: all processes emitting VOCs
Parameter: material usages and VOC emissions
Limits: see table below

YEAR: _____

~~Month~~		~~Column 1~~	~~Column 2~~	~~Column 1 + Column 2~~
	~~Facility~~	~~This Month~~	~~Previous 11 Months~~	~~12 Month Total~~
~~Month 1~~	~~gasket molding flush (emission unit C2)~~			
~~Month 2~~				
~~Month 3~~				
~~Month 1~~	~~safety solvent used in soak tank (emission unit H7)~~			
~~Month 2~~				
~~Month 3~~				
~~Month 1~~	~~polyurethane mold flush (emission units D1 and D2)~~			
~~Month 2~~				

~~Month 3~~				

	This Month			Previous 11 Months		12 Month Total			
	column 1	column 2	(column 1 x column 2) / 2000 lbs/ton	column 3	(column 1 x column 3) / 2000 lbs/ton	column 4 (column 2 +column 3)	(column 1 x column 4) / 2000 lbs/ton		
Material	**VOC Content**	**Actual Usage (gallons or lbs as specified)**	**Actual VOC Emissions (tons)**	**Actual Usage (gallons or lbs as specified)**	**Actual VOC Emissions (tons)**	**Actual Usage (gallons or lbs as specified)**	**Actual VOC Emissions (tons)**	**Usage Limit (gallons)**	**VOC Emission Limit (tons per 12 consecutive month period)**
neutra-flush 1	**7.20 lb/gal**	**gallons**		**gallons**		**gallons**		**6667**	**24**
safety strip solvent	**8.40 lb/gal**	**gallons**		**gallons**		**gallons**		**5714**	**24**
Dynasolve	**8.37 lb/gal**	**gallons**		**gallons**		**gallons**		**5734**	**24**
Petroleum solvent	**6.80 lb/gal**	**gallons**		**gallons**		**gallons**		**7059**	**24**
filter media	**0.4%**	**lbs**		**lbs**		**lbs**			
mold release	**92%**	**lbs**		**lbs**		**lbs**			
Plastisol	**0.15 lb/gal**	**gallons**		**gallons**		**gallons**			
vanishing lube	**87.5%**	**lbs**		**lbs**		**lbs**			

printing ink	**100%**	**lbs**		**lbs**		**lbs**			
Kem Aqua Primer	**1.35 lb/gal**	**gallons**		**gallons**		**gallons**			
Kem Aqua Gloss Black	**0.83 lb/gal**	**gallons**		**gallons**		**gallons**			
Kem Aqua Cat Yellow	**0.80 lb/gal**	**gallons**		**gallons**		**gallons**			
Kem Aqua flat black	**1.35 lb/gal**	**gallons**		**gallons**		**gallons**			
Kem Aqua red oxide	**1.30 lb/gal**	**gallons**		**gallons**		**gallons**			
Kem Aqua Onan green	**0.85 lb/gal**	**gallons**		**gallons**		**gallons**			
Rust-Ol HiGloss black	**3.46 lb/gal**	**gallons**		**gallons**		**gallons**			
Buff Primer	**3.44 lb/gal**	**gallons**		**gallons**		**gallons**			
Kem Aqua Buff Primer	**1.65 lb/gal**	**gallons**		**gallons**		**gallons**			
Total for Source									**249**

9 No deviation occurred in this quarter.
9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

A certification by the responsible official as defined by 326 IAC 2-7-1(34) is not required for this report.

Comment #3

We are adding several new coatings to our spray painting operation. I have enclosed a new version of PI-19 reflecting all of the new coatings. These products were formulated with VOC of 3.5 pounds per gallon or less. Material Safety Data Sheets for the new coatings are also enclosed.

Response #3

The calculations (shown in Appendix A) have been revised to account for the emissions from the new coatings. There are no changes to the permit as a result of this comment.

Upon further review, the OAM has decided to make the following changes to the permit.

(1) Condition B.1 (Permit No Defense) has been deleted. This is not in IC13, but we do have the general authority for this in 326 IAC 2-7-15. Therefore, most of this language has been added to B.14 (Permit Shield). B.14 provides for when the possession of a permit does provide a defense and provides that it is only for those requirements in existence at the time of permit issuance. All other B conditions have been re-numbered as a result of this change.

~~B.1 Permit No Defense [IC 13]~~

~~(a) Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.~~

~~(b) This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled "Permit Shield.~~

(2) Condition B.11 (now B.10) (Annual Compliance Certification), part (c)(3) has been changed. As part of the U.S. EPA's 1997 Compliance Assurance Monitoring rule making (Federal Register Volume 62, page 54900-54947, Wednesday, October 22, 1997), the language in 40 CFR Part 70.6(c)(5)(iii)(B)) was changed from "continuous or intermittent compliance" to "based on continuous or intermittent data." The U.S. District Court of Appeals, Washington D.C. ruled against EPA's language, saying that the Clean Air Act wording of continuous or intermittent compliance had to be used.

B.10 Annual Compliance Certification [326 IAC 2-7-6(5)]

(c) The annual compliance certification report shall include the following:

(3) Whether compliance was ~~based on~~ continuous or intermittent ~~data~~;

(2) B.13 (Emergency Provisions) has been modified. A reference to the Emergency Occurrence Report Form has been added to B.13(b)(5). The emergency form is for emergencies only , and is no longer an emergency and deviation form. All deviations will now be reported on the Quarterly Deviation and Compliance Monitoring Report. Paragraph (d) part of the first sentence has been

deleted. The malfunction rule has been superceded by the emergency rule. Paragraph (f) "compliance" has been changed to "accordance".

B.13 Emergency Provisions [326 IAC 2-7-16]

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-7-16.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAM, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Management, Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

(5) For each emergency lasting one (1) hour or more, the Permittee submitted **the attached Emergency Occurrence Report Form or its equivalent** ~~notice~~, either ~~in writing~~ **by mail** or facsimile~~, of the emergency~~ to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions) ~~for sources subject to this rule after the effective date of this rule.~~ This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) IDEM, OAM may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(10) be revised in response to an emergency.

(f) Failure to notify IDEM, OAM by telephone or facsimile of an emergency lasting more than one (1) hour in ~~compliance~~ **accordance** with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

(g) Operations may continue during an emergency only if the following conditions are met:

(1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

(2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:

(A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and

(B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.

Any operation shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

(3) B.14 (Permit Shield) has been revised. Some of the language from B.1 has been added to it. In B.14(d) some of the language has been removed because it is unnecessary. Construction permit terms are covered in the definition of applicable requirements.

B.14 Permit Shield [326 IAC 2-7-15] **[326 IAC 2-7-20] [326 IAC 2-7-12]**

(a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided

that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. **The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.**

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

(b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. All previously issued operating permits are superseded by this permit.

(c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, ~~including any term or condition from a previously issued construction or operation permit,~~ IDEM, OAM shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

(d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.

(e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;

(2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and

(4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

(f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).

(g) This permit shield is not applicable to modifications eligible for group processing until

after IDEM, OAM has issued the modifications. [326 IAC 2-7-12(c)(7)]

(h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAM has issued the modification. [326 IAC 2-7-12(b)(7)]

(4) B.16 (now B.15) (Deviations from Permit Requirements and Conditions) paragraphs (a) & (b) have been revised so that B.16 will not conflict with C.14 (Compliance Monitoring Plan - Failure to Take Response Steps). The OAM is no longer requiring sources to report deviations in 10 days. Now they will report deviations quarterly on the Quarterly Deviation and Compliance Monitoring Report. References to the emergency report have been removed since deviations will not be reported on that form anymore. There is no longer a 5% exception for reporting deviations, since we relaxed the 10 day notification to a quarterly report.

B.16 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

(a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance ~~Branch~~ **Data Section**, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

~~within ten (10) calendar days from the date of the discovery of the deviation~~ **using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report.**

The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:

(1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or

(2) ~~An emergency as defined in 326 IAC 2-7-1(12); or~~

(3) Failure to implement elements of the Preventive Maintenance Plan unless such failure has caused or contributed to a deviation.

(4) ~~Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.~~

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

~~(c) Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~(d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.~~

(5) B.19 (Permit Amendment or Modification) has been revised. 326 IAC 2-7-4(f) requires all applications to be certified by the responsible official, therefore this condition has been revised to clarify that. EPA has also requested this change.

B.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

(a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34) ~~only if a certification is required by the terms of the applicable rule~~.

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

(6) B.24 (Transfer of Ownership or Operational Control) 326 IAC 2-7-4(f) requires all applications to be certified by the responsible official, therefore this condition has been revised to clarify that. EPA has also requested this change.

B.24 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does ~~not~~ require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

(7) C.22 (General Reporting Requirements) the Quarterly Compliance Monitoring Report is now the Quarterly Deviation and Compliance Monitoring Report. References to the emergency report has been removed, all the information is in B.13. In (d) we have clarified that the report does need to be certified by the responsible official, this change is also reflected in all the D sections and the reporting forms. EPA has also requested this change.

C.22 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

(a) ~~To affirm that the source has met all the compliance monitoring requirements stated in this permit~~ The source shall submit ~~a~~ **the attached** Quarterly **Deviation and** Compliance Monitoring Report **or its equivalent**. Any deviation from ~~the~~ **permit** requirements, ~~and~~, the date(s) of each deviation, **the cause of the deviation, and the response steps taken** must be reported. **This report shall be submitted within thirty (30) days of the end of the reporting period.** The **Quarterly Deviation and** Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.

(d) Unless otherwise specified in this permit, any *quarterly* report required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. The report*s* do ~~not~~ require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

~~(e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports. The Emergency/Deviation Occurrence Report does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~(f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.~~

~~(g)~~**(e)** The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years.

Forms

1. Emergency/Deviation Occurrence Report Form is now called the Emergency Occurrence Report. All references to deviations have been removed. These forms should be sent to the Compliance Branch, not the Compliance Data Section. We have negotiated with EPA on the reporting of emergencies. They agree to allow the 2 day notification to come in without the responsible official certification as long as the emergencies are included in the Quarterly Deviation and Compliance Monitoring Report. That report is certified by the responsible official, therefore will comply with the Part 70 requirement to have all reports certified.

2. The monthly and quarterly reports will now need to be certified by the responsible official, therefore the last line in each of these reports have been changed from ~~"A certification is not required for this report."~~ to "**Attach a signed certification to complete this report".**

3. The Quarterly or Semi-Annual Compliance Monitoring Report, is now called the Quarterly Deviation and Compliance Monitoring Report. The form now requires the source to not only report that there were deviations, but to also include the probable cause and the response steps taken. We are no longer requiring sources to report deviations in ten days, therefore every source will need submit this report quarterly. For sources with an applicable requirement which gives an alternate schedule for reporting deviations, those deviations will not need to be reported quarterly, but instead should be reported according to the schedule in the applicable requirement.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT

COMPLIANCE ~~DATA SECTION~~ BRANCH
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967

(include local agency when applicable)

PART 70 OPERATING PERMIT
EMERGENCY~~/DEVIATION~~ OCCURRENCE REPORT

Source Name:
Source Address:
Mailing Address:
Part 70 Permit No.:

This form consists of 2 pages **Page 1 of 2**

~~Check either No. 1 or No.2~~
9 ~~1.~~ This is an emergency as defined in 326 IAC 2-7-1(12) C The Permittee must notify the Office of Air Management (OAM), within four (**4**) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and C The Permittee must submit notice ~~in writing~~ by mail or ~~by~~ facsimile within two (**2**) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
~~9 2. This is a deviation, reportable per 326 IAC 2-7-5(3)(C)~~ ~~C The Permittee must submit notice in writing within ten (**10**) calendar days~~

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency~~/Deviation~~:
Describe the cause of the Emergency~~/Deviation~~:

If any of the following are not applicable, mark N/A **Page 2 of 2**

Date/Time Emergency~~/Deviation~~ started:
Date/Time Emergency~~/Deviation~~ was corrected:
Was the facility being properly operated at the time of the emergency/~~deviation~~? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency~~/deviation~~:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

A certification is not required for this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION
(include local agency when applicable)

PART 70 OPERATING PERMIT
QUARTERLY ~~(or SEMI-ANNUAL)~~ DEVIATION and COMPLIANCE MONITORING REPORT

Source Name:
Source Address: ***(THIS FORM IS MANDATORY)***
Mailing Address:
Part 70 Permit No.:

Months: _____ **to** _____ **Year:** _____

This report is an affirmation that the source has met all the ~~compliance monitoring~~ requirements stated in this permit. This report shall be submitted quarterly ***~~(or semi-annually)~~*** based on a calendar year. Any deviation from the ~~compliance monitoring~~ requirements, ~~and~~ the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. ~~with the following exceptions:~~ Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report. Additional pages may be attached if necessary. ~~This form can be supplemented by attaching the Emergency/Deviation Occurrence Report.~~ If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

~~Compliance Monitoring~~ Permit Requirement (specify permit condition #)	
Date of ~~each~~ Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

~~Compliance Monitoring~~ Permit Requirement (specify permit condition #)	
Date of ~~each~~ Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

~~**Compliance Monitoring**~~ **Permit Requirement** (specify permit condition #)	
Date of ~~each~~ Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

~~**Compliance Monitoring**~~ **Permit Requirement** (specify permit condition #)	
Date of ~~each~~ Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

~~**Compliance Monitoring**~~ **Permit Requirement** (specify permit condition #)	
Date of ~~each~~ Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By: ____________________

Title/Position: ____________________

Date: ____________________

Phone: ____________________

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Management

Technical Support Document (TSD) for a Part 70 Operating Permit

Source Background and Description

Source Name:	Donaldson Company, Inc.
Source Location:	3260 W. State Road 28, Frankfort, Indiana 46041
County:	Clinton
SIC Code:	3599
Operation Permit No.:	T023-8315-00024
Permit Reviewer:	Nisha Sizemore

The Office of Air Management (OAM) has reviewed a Part 70 permit application from Donaldson Company, Inc. relating to the operation of an engine air filter manufacturing facility.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

(a) one (1) Caterpillar Filter Line consisting of the following emission units

(1) one (1) infrared media heater, identified as emission unit C1, constructed in 1980, with a maximum capacity of 715 pounds per hour, with emissions uncontrolled and exhausting to stack E2;

(2) gasket molding flush, identified as emission unit C2, constructed in 1980, with a maximum capacity of 1 gallon per hour, with emissions uncontrolled and exhausting to stack E2;

(3) application of mold release, identified as emission unit C3, constructed in 1980, with a maximum capacity of 18.5 ounces per hour, with emissions uncontrolled and exhausting to stack E2;

(b) one (1) Hoosier Element Assembly Line consisting of the following emission units

(1) one (1) infrared media heater, identified as emission unit H1, constructed in 1984, with a maximum capacity of 393 pounds per hour, with emissions uncontrolled and exhausting to stack E2;

(2) pleat tip cure, identified as emission unit H2, constructed in 1984, with a maximum capacity of 393 pounds per hour, with emissions uncontrolled and exhausting to stack E2;

(3) two (2) plastisol ovens, identified as emission units H3 and H4, constructed in 1984, each with a maximum capacity of 8 gallons per hour, with emissions uncontrolled and exhausting to stack E2;

(4) one (1) paint booth, identified as emission unit H5, with a maximum capacity of 1 gallon per hour and 247 metal parts per hour, with overspray emissions controlled by a dry filter and VOC emissions uncontrolled and exhausting to stack E3;

(5) two (1) punch presses, identified as emission unit H6, constructed in 1984, with a combined maximum capacity of 2 pounds per hour, with emissions uncontrolled and exhausting to stack F1;

(6) one (1) soak tank for cleaning tooling, identified as emission unit H7, constructed in 1984, with a maximum capacity of 1 gallon per hour, with emissions uncontrolled and exhausting to stack F2;

(c) one (1) Duralite Element Assembly Line consisting of the following emission units

(1) polyurethane mold flush, identified as emission unit D1, constructed in 1992, with a maximum capacity of ½ gallon per hour, with emissions uncontrolled and exhausting to stack E4;

(2) polyurethane mold flush, identified as emission unit D2, constructed in 1992, with a maximum capacity of ½ gallon per hour, with emissions uncontrolled and exhausting to stack E4;

(3) application of mold release, identified as emission unit D3, constructed in 1992, with a maximum capacity of 1 pound per hour, with emissions uncontrolled and exhausting to stack E4;

(4) one (1) infrared media heater, identified as emission unit D4, constructed in 1997, with a maximum capacity of 700 pounds per hour, with emissions uncontrolled and exhausting to stack E4;

(d) one (1) Express Filter Line consisting of the following emission units

(1) one (1) infrared media heater, identified as emission unit L1, constructed in 1997, with a maximum capacity of 806 pounds per hour, with emissions uncontrolled and exhausting to stack E11;

(2) application of mold release, identified as emission unit L2, constructed in 1997, with a maximum capacity of 26 ounces per hour, with emissions uncontrolled and exhausting to stack E11;

(e) one (1) Printing Ink and Solvents process consisting of the following emission units

(1) printing inks, identified as emission unit S1, constructed in 1980, with a maximum capacity of 2 pounds per hour, with emissions uncontrolled and exhausting to stack F4. Note: these items are fugitive and used on all production lines.

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted emission units at this source at the time of permit issuance.

Insignificant Activities

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

(1) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour;

(2) Propane or liquified petroleum gas, or butane-fired combustion sources with heat input equal to or less than six million (6,000,000) Btu per hour;

(3) Equipment powered by internal combustion engines of capacity equal to or less than 500,000 Btu/hour, except where total capacity of equipment operated by one stationary source exceeds 2,000,000 Btu/hour.

(4) Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids;

(5) Application of oils, greases, lubricants or other nonvolatile materials applied as temporary protective coatings;

(6) The following equipment related to manufacturing activities not resulting in the emission of HAPs; brazing equipment, cutting torches, soldering equipment, welding equipment;

(7) Closed loop heating and cooling systems;

(8) Infrared cure equipment;

(9) Any operation using aqueous solutions containing less than 1% by weight of VOCs excluding HAPs;

(10) Water based adhesives that are less than or equal to 5% by volume of VOCs excluding HAPs.

(11) Trimmers that do not produce fugitive emissions and that are equipped with a dust collection or trim material recovery device such as a bag filter or cyclone.

(12) Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks, and fluid handling equipment;

(13) Mold release agents using low volatile products (vapor pressure less than or equal to 2 kiloPascals measured at 38 degrees (C);

(14) a laboratory as defined in 326 IAC 2-7-1(21)(D).

(15) solvent weld indicators;

(16) ink mark media length;

(17) applying mold release to seam seal tooling;

(18) ink jet print product ID;

(19) hot melt tank;

(20) print logo on liners;

(21) resistance welding metal liners.

(22) one (1) KM Work center consisting of the following emission units

(a) one (1) media dry oven, identified as emission unit K1, constructed in 1984, with a maximum capacity of 21.4 pounds per hour, with emissions uncontrolled and

exhausting to stack E2;

Existing Approvals

The source has been operating under previous approvals including, but not limited to, the following:

(a) Registration, issued September 15, 1980.

(b) Exemption CP 023-2286, issued December 24, 1991; and

(c) OP 023-00024, issued on June 17, 1994.

All conditions from previous approvals were incorporated into this Part 70 permit except the following:

(a) OP 023-000024, issued on June 17, 1994

Condition 4. That particulate matter overspray from the surface coating facilities shall be considered in compliance with 326 IAC 6 provided that the overspray is not:

a. Visibly detectable at the exhaust,
b. Accumulated on the rooftops or on the ground, or
c. Causing any nuisance problems.

Reason not incorporated: This has been replaced with a statement that the facility shall comply with the requirement of 326 IAC 6-3-2 (Process Operations). Monitoring for overspray is included in the permit.

Enforcement Issue

(a) IDEM is aware that the coatings used in the spray booth were not in compliance with the following emission limitation:

326 IAC 8-2-9 (Miscellaneous Metal Coating)
Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating applied to the metal parts shall be limited to 3.5 pounds of VOCs per gallon of coating less water.

(b) IDEM is reviewing this matter and has taken appropriate action. The Permittee is now using compliant coatings and is now is compliance with the requirements of this rule.

Recommendation

The staff recommends to the Commissioner that the Part 70 permit be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An administratively complete Part 70 permit application for the purposes of this review was received on March 14, 1997. Additional information was received on February 15, 2000 and February 22, 2000. A notice of completeness letter was mailed to the source on December 17, 1998.

Emission Calculations

See Appendix A of this document for detailed emissions calculations.

Potential To Emit

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA."

Pollutant	Potential To Emit (tons/year)
PM	less than 100
PM-10	less than 100
SO_2	less than 100
VOC	greater than 100, less than 250
CO	less than 100
NO_x	less than 100

Note: For the purpose of determining Title V applicability for particulates, PM-10, not PM, is the regulated pollutant in consideration.

HAP's	Potential To Emit (tons/year)
methylene chloride	greater than 10
formaldehyde	greater than 10
TOTAL	greater than 25

(a) The potential to emit (as defined in 326 IAC 2-1.1-1(16)) of VOCs are equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.

(b) The potential to emit (as defined in 326 IAC 2-1.1-1(16)) of any single HAP is equal to or greater than ten (10) tons per year and the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination HAPs is greater than or equal to twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 1998 OAM emission data.

Pollutant	Actual Emissions (tons/year)
PM	0.02
PM-10	0.00
SO_2	0.00
VOC	46.88
CO	0.00
NO_x	0.00

Limited Potential to Emit

The table below summarizes the total potential to emit, reflecting all limits, of the significant emission units.

	Limited Potential to Emit (tons/year)						
Process/facility	PM	PM-10	SO_2	VOC	CO	NO_X	HAPs
infrared media heater C1	0.00	0.00	0.00	12.53	0.00	0.00	12.53
gasket molding flush C2	0.00	0.00	0.00	24.0	0.00	0.00	0.00
mold release C3	0.00	0.00	0.00	4.66	0.00	0.00	0.00
infrared media heater H1	0.00	0.00	0.00	3.44	0.00	0.00	3.44
pleat tip cure H2	0.00	0.00	0.00	3.44	0.00	0.00	3.44
two plastisol ovens H3 and H4	0.00	0.00	0.00	10.50	0.00	0.00	0.00
paint booth H5	1.52	1.52	0.00	30.32	0.00	0.00	0.00
2 punch presses H6	0.00	0.00	0.00	7.67	0.00	0.00	0.00
soak tank H7	0.00	0.00	0.00	24.0	0.00	0.00	16.24
polyurethane mold flush D1 and D2	0.00	0.00	0.00	12.53	0.00	0.00	0.00
mold release D3	0.00	0.00	0.00	4.03	0.00	0.00	0.00
infrared media heater D4	0.00	0.00	0.00	12.26	0.00	0.00	0.00
infrared media heater L1	0.00	0.00	0.00	14.12	0.00	0.00	5.27
mold release L2	0.00	0.00	0.00	6.55	0.00	0.00	0.00
printing inks S1	0.00	0.00	0.00	8.76	0.00	0.00	0.00
Total Emissions	1.52	1.52	0.00	145.85	0.00	0.00	40.92

County Attainment Status

The source is located in Clinton County.

Pollutant	Status
PM-10	Attainment
SO_2	Attainment
NO_2	Attainment
Ozone	Attainment
CO	Attainment
Lead	Attainment

(a) Volatile organic compounds (VOC) and oxides of nitrogen (NOx) are precursors for the formation of ozone. Therefore, VOC and NO_X emissions are considered when evaluating the rule applicability relating to the ozone standards. Clinton County has been designated as attainment or unclassifiable for ozone.

Federal Rule Applicability

(a) There are no New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) applicable to this source.

(b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs)(326 IAC 14 and 40 CFR Parts 61 and 63) applicable to this source.

State Rule Applicability - Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration (PSD))

This source is a minor source pursuant to PSD because the emissions of all criteria pollutants are less than 250 tons per year and the source is not one of the 28 listed source categories. This source has never been reviewed under the requirements of PSD.

326 IAC 2-6 (Emission Reporting)

This source is subject to 326 IAC 2-6 (Emission Reporting), because it has the potential to emit more than one hundred (100) tons per year) of VOC. Pursuant to this rule, the owner/operator of the source must annually submit an emission statement for the source. The annual statement must be received by July 1 of each year and contain the minimum requirement as specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8)(Emission Statement Operating Year).

326 IAC 5-1 (Opacity Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of forty percent (40%) any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

State Rule Applicability - Individual Facilities

326 IAC 8-2-9 (Miscellaneous Metal Coating)

Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating delivered to the applicator at the spray booth shall be limited to 3.5 pounds of VOCs per gallon of coating less water.

Solvent sprayed from application equipment during cleanup or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

Based on the MSDS submitted by the source and calculations made, the spray booth is in compliance with this requirement.

326 IAC 6-3-2 (Process Operations)

The particulate matter (PM) from the paint booth shall be limited by the following:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

The dry filter shall be in place at all times the paint booth is in operation, in order to comply with this limit.

326 IAC 8-1-6 (Best Available Control Technology (BACT))

In order to render the requirements of 326 IAC 8-1-6 (BACT) not applicable, the following limits shall apply:

(1) The amount of gasket molding flush (emission unit C2) used shall not exceed 6667 gallons per 12 consecutive month period. This usage limit is required in order to limit the potential to emit VOC to less than 25 tons per 12 consecutive month period. Records shall be kept of the usage and a quarterly report of the usage shall be submitted to the OAM using the forms provided with the permit.

(2) The amount of safety solvent used in the soak tank (emission unit H7) shall not exceed 5714 gallons per 12 consecutive month period. This usage limit is required in order to limit the potential to emit VOC to less than 25 tons per 12 consecutive month period. Records shall be kept of the usage and a quarterly report of the usage shall be submitted to the OAM using the forms provided with the permit.

(3) The amount of polyurethane mold flush (emission units D1 and D2) used shall not exceed 6667 gallons per 12 consecutive month period. This usage limit is required in order to limit the potential to emit VOC to less than 25 tons per 12 consecutive month period. Records shall be kept of the usage and a quarterly report of the usage shall be submitted to the OAM using the forms provided with the permit.

Compliance with these limits shall render 326 IAC 8-1-6(BACT) not applicable.

State Rule Applicability - Insignificant activities as follows: The following equipment related to manufacturing activities not resulting in the emission of HAPs; brazing equipment, cutting torches, soldering equipment, welding equipment

326 IAC 6-3-2 (Process Operations)

Pursuant to this rule the particulate matter (PM) from each of the facilities listed above shall be limited by the following:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10 P^{0.67}$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

Compliance Requirements

Permits issued under 326 IAC 2-7are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAM, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

The compliance monitoring requirements applicable to this source are as follows:

(1) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stack E2 while the booth is in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

(2) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

(3) Records shall be kept of the amount of gasket molding flush used, the amount of safety solvent used in the soak tank, and the amount of polyurethane mold flush used. A quarterly report of these usages shall be submitted to the OAM.

Air Toxic Emissions

Indiana presently requests applicants to provide information on emissions of the 188 hazardous air pollutants (HAPs) set out in the Clean Air Act Amendments of 1990. These pollutants are either carcinogenic or otherwise considered toxic and are commonly used by industries. They are listed as air toxics on the Office of Air Management (OAM) Part 70 Application Form GSD-08.

This source will emit levels of air toxics greater than those that constitute major source applicability according to Section 112 of the 1990 Clean Air Act Amendments.

Conclusion

The operation of this engine air filter manufacturing facility shall be subject to the conditions of the attached proposed Part 70 Permit No. T023-8315-00024.

Appendix A: Emissions Calculations
VOC, HAPs, and Particulate
From Surface Coating Operations

Company Name: Donaldson Company, Inc.
Address City IN Zip: 3260 W. State Road 28, Frankfort, Indiana 46041
T: 023-8315-00024
Reviewer: Nisha Sizemore

Material	Density (Lb/Gal)	Weight % Volatile (H20& Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Vol (solids)	Gal of Mat (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential ton/yr	lb VOC /gal solids	Tr Eff
Kem Aqua Primer	10.79	48.60%	36.1%	12.5%	46.7%	35.30%	0.010000	247.000	2.53	1.35	3.33	79.95	14.59	15.00	3.82	7
Kem Aqua Gloss Black	8.56	64.80%	55.1%	9.7%	56.7%	32.40%	0.010000	247.000	1.92	0.83	2.05	49.22	8.98	8.15	2.56	7
Kem Aqua Cat Yellow	9.25	59.30%	50.6%	8.7%	56.2%	33.10%	0.010000	247.000	1.84	0.80	1.99	47.71	8.71	10.18	2.43	7
Kem Aqua flat black	10.55	49.20%	36.4%	12.8%	46.3%	35.50%	0.010000	247.000	2.51	1.35	3.34	80.05	14.61	14.50	3.80	7
Kem Aqua Red Oxide	10.87	47.90%	35.9%	12.0%	46.9%	35.30%	0.010000	247.000	2.46	1.30	3.22	77.32	14.11	15.32	3.70	7
Kem Aqua Onan Green	8.86	62.40%	52.8%	9.6%	56.2%	11.00%	0.010000	247.000	1.94	0.85	2.10	50.42	9.20	9.01	7.73	7
Rust-ol HiGloss Black	9.79	35.30%	0.0%	35.3%	0.0%	52.60%	0.010000	247.000	3.46	3.46	8.54	204.86	37.39	17.13	6.57	7
Buff Primer	11.50	29.90%	0.0%	29.9%	0.0%	48.70%	0.010000	247.000	3.44	3.44	8.49	203.82	37.20	21.80	7.06	7
Kem Aqua Buff primer	9.10	69.50%	51.4%	18.1%	56.2%	10.80%	0.010000	247.000	3.76	1.65	4.07	97.64	17.82	7.51	15.25	7
State Potential Emissions			**Add worst case coating to all solvents**								**8.54**	**204.86**	**37.39**	**38.93**		
Emissions after controls														**1.95**		

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) * Weight % Organics) / (1-Volume % water)
Pounds of VOC per Gallon Coating = (Density (lb/gal) * Weight % Organics)
Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr)
Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (24 hr/day)
Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hr/yr) * (1 ton/2000 lbs)
Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) *(8760 hrs/yr) *(1 ton/2000 lbs)
Pounds VOC per Gallon of Solids = (Density (lbs/gal) * Weight % organics) / (Volume % solids)
Total = Worst Coating + Sum of all solvents used

Appendix A: Emissions Calculations

Company Name: Donaldson Company, Inc.
Address City IN Zip: 3260 W. State Road 28, Frankfort, Indiana 46041
T: 023-8315-00024
Reviewer: Nisha Sizemore

Material	Usage (lb/hr)	Usage (gal/hr)	VOC content (%)	VOC content (lb/gal)	Potential VOC pounds per hour	Potential VOC tons per year	Limited VOC tons per year	Limit usag (gal/
infrared media heater C1	715.00		0.4%		2.86	12.53	12.53	
gasket molding flush C2		1.00		7.20	7.20	31.54	24.00	6666.
mold release C3	1.16		92.0%		1.06	4.66	4.66	
infrared media heater H1	196.50		0.4%		0.79	3.44	3.44	
pleat tip cure H2	196.50		0.4%		0.79	3.44	3.44	
two plastisol ovens H3 and H4		16.00		0.15	2.40	10.51	10.51	
punch press H6	2.00		87.5%		1.75	7.67	7.67	
soak tank H7 and Express Line parts washers L3 and L4		1.00		8.40	8.40	36.79	24.00	5714.
polyurethane mold flush D1 and D2		1.00		7.20	7.20	31.54	24.00	6666.
mold release D3	1.00		92.0%		0.92	4.03	4.03	
infrared media heater D4	700.00		0.4%		2.80	12.26	12.26	
infrared media heater L1	0.09		0.4%		0.00	0.00	0.00	
mold release L2	1.63		92.0%		1.50	6.55	6.55	
Hybrid Line and CAT Line parts washers (Dynasolve)		1.00	100.0%	8.37	8.37	36.66	24.00	5734.
Maintenance Parts Cleaner (Petroleum Solvent)		1.00		6.80	6.80	29.78	24.00	7058.
printing inks S1	2.00		100.0%		2.00	8.76	8.76	
Totals					**54.83**	**240.16**	**193.85**	